

**CITATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional)  
**15-0195**

Application Number

Applicant(s)  
**Shi-Ping Hsu et al.**

Filing Date  
**09/01/99**

Group Art Unit

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AAA		4,238,746	Dec. 1980	McCool et al.	333	166	
AAA		4,536,887	Aug. 1985	Kaneda et al.	381	92	
AAA		4,559,642	Dec. 1985	Miyaji et al.	381	92	
AAA		4,703,506	Oct. 1987	Sakamoto et al.	381	92	
AAA		4,802,227	Jan. 1989	Elko et al.	381	92	
AAA		4,956,867	Sep. 1990	Zurek et al.	381	94.7	
AAA		5,353,376	Oct. 1994	Oh et al.	704	233	

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

AAA		Frost O.A., "An Algorithm for Linearly Constrained Adaptive Array Processing," Proc. of the IEEE, Vol. 60, No. 8, Aug. 1972, pp. 926-935.
AAA		Griffiths L.J. et al., "An Alternative Approach to Linearly Constrained Adaptive Beamforming," IEEE Trans. on antennas & Propagation, Jan. 1982, pp. 27-34.

EXAMINER  
*Angela Armstrong*

DATE CONSIDERED  
*8/12/07*

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AAH

Boll S.F., "Suppression of Acoustic Noise in Speech using Spectral Subtraction,"  
 IEEE Trans. on Acoustics Speech and Signal Processing, Vol. ASSP-27, No. 2, April 1979, pp. 113-120

AAH

Ferrara E.A., "Fast Implementation of LMS Adaptive Filters,"  
 IEEE Trans. on Acoustics Speech and Signal Processing, Vol. ASSP-28, No. 4, 1980, pp. 474-475

Haykin S., "Filter Theory," Prentice Hall, Upper Saddle River, NJ, 1996  
 (Text, copy not provided)

Oppenheim A.V., et al. "Discrete-Time Signal Processing," Prentice Hall, Englewood Cliff, NJ, 1989  
 (Text, copy not provided)

MINER

*Angela Armstrong*

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